

ABSTRACT OF THE DISCLOSURE

[043] The optical layout of the invention is designed to asymmetrically stimulate at least the magnocellular and parvocellular pathways of the two eyes during binocular fusion. Furthermore, the optical layout of the invention may be adjusted to adapt to individual visual processing needs. The present invention describes a system of optics useful in furthering studies of the primate visual processing system and finding clinical applications. For the majority of the population applications of the optical system could serve instructional purposes as well as a form of entertainment. The elicited illusions are dependent on the specific individual and therefore the system distinctly allows for customization.